Supplement to the

"Proceedings of the Indian Academy of Sciences

INDEX TO VOL. LIII—(B)

AUTHORS' INDEX

Ambaye, R. Y., Panse, T. B. and Tilak, B. D.		Metabolism of thiosters of carcinogenic hydrocarbons I, 149.
Ambuja Pillai	..	*See* Pillai and others.
	..	*See* Pillai and Ambuja Pillai.
Audrey Mackenzie	..	Root knot of *Gomphrena globosa*, 318.
Balakrishna, S.	..	Granite tectonics of Hyderabad, 73.
Banerji, M. L.	..	On the anatomy of teratological seedlings, I, 10.
Chacko, M. J.	..	*See* Venkatraman and Chacko.
Charegaonkar, P. M. and Rindani, T. H.		Effect of age, sex and gonadal hormone on brain tissue respiration of albino rats, 143.
Chari, S. T.	..	Use of aureomycin in fish preservation and effect of heat on the antibiotic-treated fish, 173.
Desikachary, T. V. and Dweltz, N. E.		The chemical composition of the diatom frustule, 157.
Dweltz, N. E.	..	*See* Desikachary and Dweltz.
Hasan, R. and Qasim, S. Z.		Studies on fish metabolism, I, 230.
Iswaran, V. and Sen Abhiswar		*Azotobacter* spp. in the rhizosphere of some agricultural crops, 182.
Joseph, A. N. T.	..	*See* Mathur and Joseph.
Krishnan, M. S.	..	Tectonics with special reference to India, 49.
Lal, Kundan	..	*See* Narayanan and Lal.
Mathur, K. C.	..	*See* Mathur and Mathur.
Mathur, P. N. and Joseph, A. N. T.		Observations on the external morphology of *Liburnia furcifera* (Horvath) (Homoptera, Fulgoroidea, Araeopidæ), 263.
Mathur, P. N. and Mathur, K. C.		Morphology of the head capsule and its appendages of *Orthetrum tæniolatum* Schneider (Odonata, Anisoptera, Libellulidæ, Libellulinæ), 187.
Mody, K. J.	..	*See* Rao and Mody.

Mukherjee, P. K.	..	Embryology of two Euphorbiaceæ, 217.
Narayanan, E. S. and Lal, Kundan		Studies on Indian Ichneumonidæ (Hymenoptera), Subfamily: Gelinæ, II, 204.
Padmanabhan, D.	..	*See* Swamy and Padmanabhan.
Panse, T. B.	..	*See* Ambaye and others.
Patel, M. K.	..	*See* Srinivasan and others.
Pichamuthu, C. S.	..	Tectonics of Mysore State, 135.
Pillai, S. K. and Ambuja Pillai		Root apical organization in monocotyledons—Marantaceæ, 302.
Pillai, S. K., Ambuja Pillai and Susheila Sachdeva		Root apical organization in monocotyledons—Zingiberaceæ, 240.
Qasim, S. Z.	..	*See* Hasan and Qasim.
Rai, J. N. and Tewari, J. P.		Studies in cellular slime moulds from Indian soils, I, 1.
Rajagopalan, N. S.	..	Age determination of the fish *Therapon jarbua* Day, 107.
Ramji, M. V.	..	Histogenesis of the venation pattern in the leaves of *Polyalthia longifolia*, 98.
		Ontogenetic studies in *Sarcandra irvingbaileyi* Swamy, I, 20.
Rindani, T. H.	..	*See* Charegaonkar and Rindani.
Rao, A. R. and Veena Vaswani		Foliar sclereids in *Mimusops hexandra* Roxb., 36.
Rao, T. Ananda and Mody, K. J.		On terminal sclereids and tracheoid idioblasts, 257.
Sen, Abhiswar	..	*See* Iswaran and Sen.
Singh, Amarjit	..	*See* Singh and others.
Singh, Inderjit., Singh, Amarjit and Singh, Kunwarjit		Life without breathing oxygen, II, 140.
Singh, Kunwarjit	..	*See* Singh and others.
Srinivasan, M. C., Patel, M. K. and Thirumalachar, M. J.		A bacterial blight disease of coriander, 298.
Subramaniam, A. P.	..	Orogenesis magmas and metamorphism, 85.
Susheila Sachdeva	..	*See* Pillai and others.

Swami Nath, J. .. Himalayan orogeny and sedimentary cycles, 111.

Swamy, B. G. L. and Padmanabhan, D. — The quadrant proembryo of *Epithema carnosum*, 166.

Tewari, J. P. .. *See* Rai and Tewari.

Thirumalachar, M. J. .. *See* Srinivasan and others.

Thyagarajan, T. R. .. The reaction of the nuclei of the vegetative cells and zygotes of *Saccharomyces carlsbergensis* to some staining techniques, 42.

Tilak, B. D. .. *See* Ambaye and others.

Uberoi, N. K. .. Nutritional requirements of the larva of rice moth, *Corcyra cephalonica* (Staint.)—Studies on feeding response to various natural foods, 284.

Veena Vaswani .. *See* Rao and Veena Vaswani.

Vemban, N. A. .. Structure and tectonics of the manganese ore belt of Madhya Pradesh and adjoining parts of Bombay, 125.

Venkatraman, T. V. and Chacko, M. J. — Some factors influencing the efficiency of *Goniozus marasmi* Kurian, a parasite of the maize and jowar, leaf roller, 275.

TITLE INDEX

Azotobacter spp. in the rhizosphere of some agricultural crops (Iswaran and Sen), 182.

Brain tissue respiration of albino rats, effect of age, sex and gonadal hormone on (Charegaonkar and Rindani), 143.

Corcyra cephalonica (Staint.), rice moth, larva of, nutritional requirements of—Studies on feeding response to various natural foods (Uberoi), 284.

Coriander, a bacterial blight disease of (Srinivasan and others), 298.

Diatom frustule, the chemical composition of (Desikachary and Dweltz), 157.

Epithema carnosum, the quadrant proembryo of (Swamy and Padmanabhan), 166.

Euphorbiaceæ, two, embryology of (Mukherjee), 217.

Fish metabolism, studies, I (Hasan and Qasim), 230.

Fish preservation, use of aureomycin in, and effect of heat on the antibiotic-treated fish (Chari), 173.

Gomphrena globosa, root knot of (Audrey Mackenzie), 318.

Goniozus marasmi Kurian, a parasite of the maize and jowar leaf roller, some factors influencing the efficiency of (Venkatraman and Chacko), 275.

Granite tectonics of Hyderabad (Balakrishna), 73.

Himalayan orogeny and sedimentary cycles (Swami Nath), 111.

Ichneumonidæ (Hymenoptera), Indian, studies on. Subfamily: Gelinæ, II (Narayanan and Lal), 204.

Liburnia furcifera (Horvath) (Homoptera, Fulgoroidea, Araeopidæ), external morphology of, observations on (Mathur and Joseph), 263.

Life without breathing oxygen, II (Singh and others), 140.

Manganese ore belt of Madhya Pradesh and adjoining parts of Bombay, structure and tectonics of (Vemban), 125.

Marantaceæ, monocotyledons, root apical organization in (Pillai and Ambuja Pillai), 302.

Orogenesis magmas and metamorphism (Subramaniam), 85.

Orthetrum tæniolatum Schneider (Odonata, Anisoptera, Libellulidæ, Libellulinæ), the head capsule and its appendages of, morphology of (Mathur and Mathur), 187.

Polyalthia longifolia, leaves of, venation pattern in, histogenesis of (Ramji), 98.

Saccharomyces carlsbergensis, nuclei of the vegetative cells and zygotes of, the reaction of, to some staining techniques (Thyagarajan), 42.

Sarcandra irvingbaileyi, Swamy, ontogenetic studies in, I (Ramji), 20.

Sclereids, foliar, in *Mimusops hexandra* Roxb. (Rao and Veena Vaswani), 36.

Sclereids, terminal, and tracheoid idioblasts (Rao and Mody), 257.

Seedlings, teratological, on the anatomy of, I (Banerji), 10.

Soils, Indian, cellular slime moulds from, studies, I (Rai and Tewari), 1.

Tectonics of Mysore State (Pichamuthu), 135.

Tectonics with special reference to India (Krishnan), 49.

Therapon jarbua Day, fish, age determination of the (Rajagopalan), 107.

Thiosters of carcinogenic hydrocarbons, metabolism of, I (Ambaye and others), 149.

Zingiberaceæ,—monocotyledons, root apical organization in (Pillai and others) 240.